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BIBLIOGRAPHY OF SOVIET MATERIAL ON
INTERNAL WAVES, JANUARY-MARCH 1974

Stuart G. Hibben

Informatics, Incorporated

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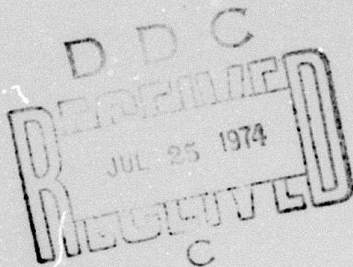
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INTRODUCTION

This is the second bibliography of Soviet publications relating to internal wave problems, retrieved during the first quarter of 1974. The main selection criteria are studies of small-scale variations in ocean parameters, and of airborne techniques for deducing internal wave conditions. A few older references are included for interest.

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SOURCE ABBREVIATIONS

| | | |
|------------|---|--|
| AIT | - | Avtomatika i telemekhanika |
| APP | - | Acta physica polonica |
| DAN ArmSSR | - | Akademiya nauk Armyanskoy SSR. Doklady |
| DAN AzSSR | - | Akademiya nauk Azerbaydzhanskoy SSR. Doklady |
| DAN BSSR | - | Akademiya nauk Belorusskoy SSR. Doklady |
| DAN SSSR | - | Akademiya nauk SSSR. Doklady |
| DAN TadSSR | - | Akademiya nauk Tadzhikskoy SSR. Doklady |
| DAN UkrSSR | - | Akademiya nauk Ukrainiskoy SSR. Dopovidi |
| DAN UzSSR | - | Akademiya nauk Uzbekskoy SSR. Doklady |
| DBAN | - | Bulgarska akademiya na naukite. Doklady |
| EOM | - | Elektroonnaya obrabotka materialov |
| FAIO | - | Akademiya nauk SSSR. Izvestiya. Fizika atmosfery i okeana |
| FGIV | - | Fizika goreniya i vzryva |
| FIKHOM | - | Fizika i khimiya obrabotka materialov |
| F-KhMM | - | Fiziko-khimicheskaya mekhanika materialov |
| FMIM | - | Fizika metallov i metallovedeniya |
| FTP | - | Fizika i tekhnika poluprovodnikov |
| FTT | - | Fizika tverdogo tela |
| FZh | - | Fiziologicheskiy zhurnal |
| GiA | - | Geomagnetizm i aeronomiya |
| GIK | - | Geodeziya i kartografiya |
| IAN Arm | - | Akademiya nauk Armyanskoy SSR. Izvestiya. Fizika |
| IAN Az | - | Akademiya nauk Azerbaydzhanskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk |

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| IAN B | - | Akademiya nauk Belorusskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk |
| IAN Biol | - | Akademiya nauk SSSR. Izvestiya. Seriya biologicheskaya |
| IAN Energ | - | Akademiya nauk SSSR. Izvestiya. Energetika i transport |
| IAN Est | - | Akademiya nauk Estonskoy SSR. Izvestiya. Fizika matematika |
| IAN Fiz | - | Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya |
| IAN Fizika zemli | - | Akademiya nauk SSSR. Izvestiya. Fizika zemli |
| IAN Kh | - | Akademiya nauk SSSR. Izvestiya. Seriya khimicheskaya |
| IAN Lat | - | Akademiya nauk Latviyskoy SSR. Izvestiya |
| IAN Met | - | Akademiya nauk SSSR. Izvestiya. Metally |
| IAN Mold | - | Akademiya nauk Moldavskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk |
| IAN SO SSSR | - | Akademiya nauk SSSR. Sibirskoye otdeleniye. Izvestiya |
| IAN Tadzh | - | Akademiya nauk Tadzhikskoy SSR. Izvestiya. Otdeleniye fiziko-matematicheskikh i geologo-khimicheskikh nauk |
| IAN TK | - | Akademiya nauk SSSR. Izvestiya. Tekhnicheskaya kibernetika |
| IAN Turk | - | Akademiya nauk Turkmenskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh, i geologicheskikh nauk |
| IAN Uzb | - | Akademiya nauk Uzbekskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk |
| IBAN | - | Bulgarska akademiya na naukite. Fizicheski institut. Izvestiya na fizicheskaya institut o ANEB |
| I-FZh | - | Inzhenerno-fizicheskiy zhurnal |

| | | |
|------------------|---|---|
| IR | - | Izobretatel' i ratsionalizator |
| ILEI | - | Leningradskiy elektrotekhnicheskiy institut. Izvestiya |
| IT | - | Izmeritel'naya tekhnika |
| IVUZ Avia | - | Izvestiya vysshikh uchebnykh zavedeniy. Aviatsionnaya tekhnika |
| IVUZ Cher | - | Izvestiya vysshikh uchebnykh zavedeniy. Chernaya metallurgiya |
| IVUZ Energ | - | Izvestiya vysshikh uchebnykh zavedeniy. Energetika |
| IVUZ Fiz | - | Izvestiya vysshikh uchebnykh zavedeniy. Fizika |
| IVUZ Geod | - | Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka |
| IVUZ Geol | - | Izvestiya vysshikh uchebnykh zavedeniy. Geologiya i razvedka |
| IVUZ Gorn | - | Izvestiya vysshikh uchebnykh zavedeniy. Gornyy zhurnal |
| IVUZ Mash | - | Izvestiya vysshikh uchebnykh zavedeniy. Mashinostroyeniye |
| IVUZ Priboro | - | Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye |
| IVUZ Radioelektr | - | Izvestiya vysshikh uchebnykh zavedeniy. Radioelektronika |
| IVUZ Radiofiz | - | Izvestiya vysshikh uchebnykh zavedeniy. Radiofizika |
| IVUZ Stroi | - | Izvestiya vysshikh uchebnykh zavedeniy. Stroitel'stvo i arkhitektura |
| KhVE | - | Khimiya vysokikh energiy |
| KIK | - | Kinetika i kataliz |
| KL | - | Knizhnaya letopis' |
| Kristall | - | Kristallografiya |
| KSpF | - | Kratkiye soobshcheniya po fizike |

| | | |
|------------|---|---|
| LZhS | - | Letopis' zhurnal'nykh statey |
| MITOM | - | Metallovedeniye i termicheskaya obrabotka materialov |
| MP | - | Mekhanika polimerov |
| MTT | - | Akademiya nauk SSSR. Izvestiya. Mekhanika tverdogo tela |
| MZhiG | - | Akademiya nauk SSSR. Izvestiya. Mekhanika zhidkosti i gaza |
| NK | - | Novyye knigi |
| NM | - | Akademiya nauk SSSR. Izvestiya. Neorganicheskiye materialy |
| NTO SSSR | - | Nauchno-tekhnicheskiye obshchestva SSSR |
| OiS | - | Optika i spektroskopiya |
| OMP | - | Optiko-mekhanicheskaya promyshlennost' |
| Otkr izobr | - | Otkrytiya, izobreteniya, promyshlennyye obraztsy, tovarnyye znaki |
| PF | - | Postepy fizyki |
| Phys abs | - | Physics abstracts |
| PM | - | Prikladnaya mekhanika |
| PMM | - | Prikladnaya matematika i mekhanika |
| PSS | - | Physica status solidi |
| PSU | - | Pribory i sistemy upravleniya |
| PTE | - | Pribory i tekhnika eksperimenta |
| Radiotekh | - | Radiotekhnika |
| RiE | - | Radiotekhnika i elektronika |
| RZhAvtom | - | Referativnyy zhurnal. Avtomatika, telemechanika i vychislitel'naya tekhnika |
| RZhElektr | - | Referativnyy zhurnal. Elektronika i yeye primeneniye |

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| RZhF | - | Referativnyy zhurnal. Fizika |
| RZhFoto | - | Referativnyy zhurnal. Fotokinotekhnika |
| RZhGeod | - | Referativnyy zhurnal. Geodeziya i aeros"- yemka |
| RZhGeofiz | - | Referativnyy zhurnal. Geofizika |
| RZhInf | - | Referativnyy zhurnal. Informatics |
| RZhKh | - | Referativnyy zhurnal. Khimiya |
| RZhMekh | - | Referativnyy zhurnal. Mekhanika |
| RZhMetrolog | - | Referativnyy zhurnal. Metrologiya i izmer- itel'naya tekhnika |
| RZhRadiot | - | Referativnyy zhurnal. Radiotekhnika |
| SovSciRev | - | Soviet science review |
| TiEKh | - | Teoreticheskaya i eksperimental'naya khimiya |
| TKiT | - | Tekhnika kino i televideniya |
| TMF | - | Teoreticheskaya i matematicheskaya fizika |
| TVT | - | Teplofizika vysokikh temperatur |
| UFN | - | Uspekhi fizicheskikh nauk |
| UFZh | - | Ukrainskiy fizicheskii zhurnal |
| UMS | - | Ustalost' metallov i splavov |
| UNF | - | Uspekhi nauchnoy fotografii |
| VAN | - | Akademiya nauk SSSR. Vestnik |
| VAN BSSR | - | Akademiya nauk Belorusskoy SSR. Vestnik |
| VAN KazSSR | - | Akademiya nauk Kazakhskoy SSR. Vestnik |
| VBU | - | Belorusskiy universitet. Vestnik |
| VNDKh SSSR | - | VNDKh SSSR. Informatsionnyy byulleten' |
| VLU | - | Leningradskiy universitet. Vestnik. Fizika, khimiya |
| VMU | - | Moskovskiy universitet. Vestnik. Seriya fizika, astronomiya |

| | | |
|----------|---|---|
| ZhETF | - | Zhurnal eksperimental'noy i teoreticheskoy fiziki |
| ZhETF P | - | Pis'ma v Zhurnal eksperimental'noy i teoreticheskoy fiziki |
| ZhFKh | - | Zhurnal fizicheskoy khimii |
| ZhNIPFIK | - | Zhurnal nauchnoy i prikladnoy fotografii i kinematografii |
| ZhNKh | - | Zhurnal neorganicheskoy khimii |
| ZhPK | - | Zhurnal prikladnoy khimii |
| ZhPMTF | - | Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki |
| ZhPS | - | Zhurnal prikladnoy spektroskopii |
| ZhTF | - | Zhurnal tekhnicheskoy fiziki |
| ZhVMME | - | Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki |
| ZL | - | Zavodskaya laboratoriya |

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